## **EPA Official Record**

Notes ID: 7D8D76DCC90ABBE2E28D281037D591D1 From: Chris Hill <chris.hill@chk.com> To: Robert Puls/ADA/USEPA/US@EPA <debby.mcelreath@chk.com>; Fonda Manwell <fonda.manwell@chk.com>; "'gflorentino@ene.com'" <gflorentino@ene.com>; "'GLukert@ene.com\" <GLukert@ene.com>; John Satterfield <john.satterfield@chk.com>; Michael Overbay/R6/USEPA/US@EPA; Mike Brownell <mike.brownell@chk.com>; Nancy Coleman <nancy.coleman@chk.com>; Steve Vandegrift/ADA/USEPA/US@EPA; Susan Mravik/ADA/USEPA/US@EPA **Delivered Date:** 11/21/2011 11:12 AM EDT Subject: RE: conf call on Mon Nov 21 1 pm CT ATTACHMENT: HFstudyQAP Produced Flowback Sampling Section 11 21 2011.doc Bob, Please find the revised draft produced water sampling procedure. CHK originally provided this document to the EPA on September 19, 2011. As we discussed during our last conference call, CHK is supplying this draft document for the EPA to reference during the QAPP development. Let me know if you have any questions. Thanks, Chris From: Puls.Robert@epamail.epa.gov [mailto:Puls.Robert@epamail.epa.gov] Sent: Monday, November 21, 2011 6:54 AM To: Chris Hill Cc: Bert Smith; Cassi Vann; Debby McElreath; Fonda Manwell; 'qflorentino@ene.com'; 'GLukert@ene.com'; John Satterfield; Overbay.Michael@epamail.epa.gov; Mike Brownell; Nancy Coleman; Vandegrift.Steve@epamail.epa.gov; Mravik.Susan@epamail.epa.gov Subject: RE: conf call on Mon Nov 21 1 pm CT Robert W. Puls, Ph.D. Agency Technical Lead, Hydraulic Fracturing Study Ground Water and Ecosystems Restoration Division National Risk Management Research Laboratory, USEPA P.O. Box 1198 / 919 Kerr Research Dr. Ada, OK 74820 puls.robert@epa.gov 580-436-8543 (phone) 405-323-8119 (mobile) This email (and attachments if any) is intended only for the use of the

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